

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	3229	369/47,21,52.1,53.21,59,25,275.3.ccls.	US- PGPUB; USPAT	OR	ON	2007/09/28 16:44
S4	15951	*3807/\$.ccls. 713/193.ccls.	US- PGPUB; USPAT	OR	ON	2007/09/28 16:45
S5	40	S3 and S4	US- PGPUB; USPAT	OR	ON	2007/09/28 16:46
S6	0	S5 and (pits with (left right) same wobbled)	US- PGPUB; USPAT	OR	ON	2007/09/28 16:47
S7	51	(pits with (left right) same wobbled)	US- PGPUB; USPAT	OR	ON	2007/09/28 16:48
S8	3	S4 and S7	US- PGPUB; USPAT	OR	ON	2007/09/28 16:48
S11	26	pit with shift\$3 near4 track same (left right)	US- PGPUB; USPAT; JPO	OR	ON	2007/09/28 16:51
S12	7	S11 and wobbled near3 pits	US- PGPUB; USPAT; JPO	OR	ON	2007/09/28 16:51
S13	34	S10 and (((copy data) near3 protection) drm (digital near3 right))	US- PGPUB; USPAT	OR	ON	2007/09/28 16:53
S15	4613	wobb\$4 with (pit groove)	US- PGPUB; USPAT	OR	ON	2007/09/28 17:48
S17	112	wobb\$4 with (pit groove) same (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2007/09/28 17:48
S18	8	S7 and S17	US- PGPUB; USPAT	OR	ON	2007/09/28 17:48
S19	2957	((bi adj phase) bi\$phase and (data information) with wobb\$5 near5 pit	US- PGPUB; USPAT	OR	ON	2007/09/28 17:50
S20	91	((bi adj phase) bi\$phase) and (((data information) with (wobb\$5 near5 pit))	US- PGPUB; USPAT	OR	ON	2007/09/28 17:50
S22	17	S3 and S21	US- PGPUB; USPAT	OR	ON	2007/09/28 18:04
S23	10157	lg near3 electronics.as.	US- PGPUB; USPAT	OR	ON	2007/09/28 18:04

S24	13980	lg near3 electronics.as. (sang near3 suh).in. (jin near3 kim).in.	US- PGPUB; USPAT	OR	ON	2007/09/28 18:05
S2	7	blue near3 ray same (((copy data) near3 protection) drm (digital near3 right))	US- PGPUB; USPAT	OR	ON	2007/09/28 18:06
S16	688	wobb\$4 with (pit groove) and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2007/09/28 18:06
S21	37	S20 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2007/09/28 18:06
S25	1933	S24 and (cd dvd bd-R (blue near3 ray))	US- PGPUB; USPAT	OR	ON	2007/09/28 18:06
S26	109	S25 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2007/09/28 18:06
S9	4	((intermittent alternate) near4 wobbled adj2 pits	US- PGPUB; USPAT	OR	ON	2007/09/28 18:11
S27	15	S26 and wobb\$4 with (pit groove)	US- PGPUB; USPAT	OR	ON	2007/09/28 18:11
S28	46734	"369"/\$.ccls.	US- PGPUB; USPAT	OR	ON	2007/09/28 18:11
S29	107	S4 and S28	US- PGPUB; USPAT	OR	ON	2007/09/28 18:11
S30	0	S29 and wobbled adj2 pits	US- PGPUB; USPAT	OR	ON	2007/09/28 18:11
S31	6	S15 and S29	US- PGPUB; USPAT	OR	ON	2007/09/28 18:12
S32	4	S28 and (wobbled adj2 pit near5 pattern) same (lead\$in (lead near3 in))	US- PGPUB; USPAT	OR	ON	2007/09/28 18:13
S10	293	pit with shift\$3 near4 track	US- PGPUB; USPAT	OR	ON	2007/09/28 18:33
S14	39	S10 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2007/09/28 18:33
S33	39	S10 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US- PGPUB; USPAT	OR	ON	2007/09/28 18:33
S35	340	pit with shift\$3 near4 track	US- PGPUB; USPAT; JPO	OR	ON	2007/09/28 18:33
S34	39	S10 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US- PGPUB; USPAT; JPO	OR	ON	2007/09/28 18:34

S37	86	S35 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US- PGPUB; USPAT; JPO	OR	ON	2007/09/28 18:34
S38	5	S37 and (encod\$3 encrypt\$3 scrambl\$3) same (copy near3 protection)	US- PGPUB; USPAT; JPO	OR	ON	2007/09/28 18:43
S44	1	"7164647".pn.	US- PGPUB; USPAT	OR	ON	2007/09/28 19:06
S45	1	"20020048238"	US- PGPUB; USPAT	OR	ON	2007/09/28 19:06
S46	0	("2002/0048238").URFN.	USPAT	OR	ON	2007/09/28 19:16
S47	1	"7123557".pn.	USPAT	OR	ON	2007/09/28 19:16
S39	9	(encod\$3 encrypt\$3 scrambl\$3) same (copy near3 protection) same ((wobbled zigzag) adj2 pits)	US- PGPUB; USPAT; JPO	OR	ON	2007/09/28 19:22
S40	3	((minimum adj shift adj key\$3) (msk)) same ((wobbled zigzag) adj2 pits)	US- PGPUB; USPAT; JPO	OR	ON	2007/09/28 19:22
S48	4983	deviation near3 shape	US- PGPUB; USPAT	OR	ON	2007/09/28 22:46
S49	3	S48 and pit near4 shift\$3 with (left right)	US- PGPUB; USPAT	OR	ON	2007/09/28 22:46
S50	3	S48 and wobbled near3 pit	US- PGPUB; USPAT	OR	ON	2007/09/28 22:46
S51	3229	369/47,21,52,1,53,21,59,25,275,3.ccls.	US- PGPUB; USPAT	OR	ON	2007/09/28 22:46
S52	6	S48 and S51	US- PGPUB; USPAT	OR	ON	2007/09/28 22:46
S53	4	(intermittent alternate) near3 wobbled adj2 pits	US- PGPUB; USPAT	OR	ON	2007/09/28 23:09
S55	8352	(bpsk (binary adj phase adj shift adj key\$3))	US- PGPUB; USPAT	OR	ON	2007/09/28 23:10
S56	19	S51 and S55	US- PGPUB; USPAT	OR	ON	2007/09/28 23:10
S54	3	(bpsk (binary adj phase adj shift adj key\$3)) same wobbled adj2 pits	US- PGPUB; USPAT	OR	ON	2007/09/28 23:16
S57	3	(bpsk (binary adj phase adj shift adj key\$3)) same wobble\$1 adj2 pits	US- PGPUB; USPAT	OR	ON	2007/09/28 23:16

S59	3	S48 and S58	US- PGPUB; USPAT	OR	ON	2007/09/28 23:17
S60	6	S48 and S51	US- PGPUB; USPAT	OR	ON	2007/09/28 23:17
S58	50	(bpsk (binary adj phase adj shift adj key\$3)) same wobble\$1	US- PGPUB; USPAT	OR	ON	2007/09/28 23:25
S62	3	(6031815 6223285 6289102).pn.	US- PGPUB; USPAT	OR	ON	2007/09/28 23:36
S63	1	"20020041686"	US- PGPUB; USPAT	OR	ON	2007/09/28 23:44
S65	1	"5809006".pn.	US- PGPUB; USPAT	OR	ON	2007/09/28 23:45
S64	1	"20030007432"	US- PGPUB; USPAT	OR	ON	2007/09/28 23:51
S67	1	"20040120247"	US- PGPUB; USPAT	OR	ON	2007/09/28 23:51
S61	24	S58 and (encod\$3 encrypt\$3 cipher\$3 scrambl \$3)	US- PGPUB; USPAT	OR	ON	2007/09/29 00:47
S68	5	S58 and (encrypt\$3 cipher\$3)	US- PGPUB; USPAT	OR	ON	2007/09/29 00:47
S69	1	"5696757".pn.	US- PGPUB; USPAT	OR	ON	2007/09/29 01:51
S70	1	"5572507".pn.	US- PGPUB; USPAT	OR	ON	2007/09/29 01:51
S1	1	10/762516.app.	US- PGPUB; USPAT	OR	ON	2007/09/29 18:47
S71	31	(lead\$in lead-in) with wobble\$3 adj2 (pit bit)	US- PGPUB; USPAT	OR	ON	2007/09/29 22:58
S72	1	10/700487.app.	US- PGPUB; USPAT	OR	ON	2008/07/05 15:13
S73	201	(control near3 information) with (copy near3 protection near3 information)	US- PGPUB; USPAT	OR	ON	2008/07/05 15:50
S74	62	S73 and (first near3 area same second near3 area)	US- PGPUB; USPAT	OR	ON	2008/07/05 15:51
S75	3	S74 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2008/07/05 15:52
S76	1	(recording near3 medium) with (separate\$2 near7 area) same control same (protection encrypt\$3)	US- PGPUB; USPAT	OR	ON	2008/07/05 16:16

S77	21	(recording near3 medium) with (separate\$2 near7 area) same (protection encrypt\$3)	US- PGPUB; USPAT	OR	ON	2008/07/05 16:17
S78	4	S77 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2008/07/05 16:17
S79	2	(recording near3 medium) with (double near3 density) same (protection encrypt\$3)	US- PGPUB; USPAT	OR	ON	2008/07/05 16:20
S80	140	(recording near3 medium) and (separate\$2 near7 area) same (protection encrypt\$3)	US- PGPUB; USPAT	OR	ON	2008/07/05 16:21
S81	52	S80 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2008/07/05 16:21
S82	20503	(control bill\$3) near3 (data information) near7 (area zone (lead near3 in))	US- PGPUB; USPAT	OR	ON	2008/07/05 17:00
S83	953	((copy decrypt\$3) near3 (informaiton key)) same (recording near3 medium)	US- PGPUB; USPAT	OR	ON	2008/07/05 17:01
S84	120	S82 and S83	US- PGPUB; USPAT	OR	ON	2008/07/05 17:02
S86	89	((copy decrypt\$3) near3 (informaiton key) near7 (area zone (lead near3 in))) same (recording near3 medium)	US- PGPUB; USPAT	OR	ON	2008/07/05 17:03
S88	20	S82 and S86	US- PGPUB; USPAT	OR	ON	2008/07/05 17:03
S89	6	S88 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2008/07/05 17:03
S91	0	((control same copy near3 protection) same (separat\$3 near3 (area zone)))	US- PGPUB; USPAT	OR	ON	2008/07/05 17:19
S92	3	((control same copy near3 protection) same ((separat\$3 multiple different) near3 (area zone)))	US- PGPUB; USPAT	OR	ON	2008/07/05 17:22
S93	1	"5848050".pn.	US- PGPUB; USPAT	OR	ON	2008/07/05 17:34
S94	1	"7266074".pn.	US- PGPUB; USPAT	OR	ON	2008/07/05 17:37
S95	23	S86 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2008/07/05 17:40
S96	143	((copy decrypt\$3 key) near3 (informaiton key) near7 (area zone (lead near3 in))) same (recording near3 medium)	US- PGPUB; USPAT	OR	ON	2008/07/05 17:59
S97	24831	((control\$3 near3 (data information) near7 (area zone (lead near3 in)))	US- PGPUB; USPAT	OR	ON	2008/07/05 18:00
S98	35	S96 and S97	US- PGPUB; USPAT	OR	ON	2008/07/05 18:00

S99	10	S98 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2008/07/05 18:00
S100	602	recording near3 medium with (separat\$3 near3 (area zone))	US- PGPUB; USPAT	OR	ON	2008/07/05 18:13
S101	215	S100 and (control near3 information)	US- PGPUB; USPAT	OR	ON	2008/07/05 18:14
S102	48	S101 and ((copy near3 protection) (decrypt\$3 near3 key))	US- PGPUB; USPAT	OR	ON	2008/07/05 18:14
S103	5	S102 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2008/07/05 18:14
S104	18267	((control bill\$3 service provider) near3 (information data)) and ((copy near3 protection) (decrypt\$3 near3 key))	US- PGPUB; USPAT	OR	ON	2008/07/05 18:18
S105	3545	((control bill\$3 service provider) near3 (information data)) same ((copy near3 protection) (decrypt\$3 near3 key))	US- PGPUB; USPAT	OR	ON	2008/07/05 18:18
S106	7	S100 and S105	US- PGPUB; USPAT	OR	ON	2008/07/05 18:18
S107	3678	((control bill\$3 service provider payment) near3 (information data)) same ((copy near3 protection) (decrypt\$3 near3 key))	US- PGPUB; USPAT	OR	ON	2008/07/05 18:20
S108	8	S100 and S107	US- PGPUB; USPAT	OR	ON	2008/07/05 18:20
S109	17	(control same copy near3 protection) same ((separat\$3 multiple different) near3 (area zone segment block))	US- PGPUB; USPAT	OR	ON	2008/07/05 20:06
S110	6	S109 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2008/07/05 20:06
S111	18960	"380"/\$.ccls. 713/193.ccls.	US- PGPUB; USPAT	OR	ON	2009/01/14 18:12
S112	1	"5848050".pn.	US- PGPUB; USPAT	OR	ON	2009/01/14 19:30
S113	2	(693816215737286).pn.	US- PGPUB; USPAT	OR	ON	2009/01/14 19:44
S114	3	(693816215737286 7266074).pn.	US- PGPUB; USPAT	OR	ON	2009/01/14 19:47
S115	5739	380/201,228,239.ccls. 713/165,182,189.ccls.	US- PGPUB; USPAT	OR	ON	2009/01/14 19:50
S116	404	(copy adj protection) same (control adj information)	US- PGPUB; USPAT	OR	ON	2009/01/14 19:52
S117	58	S115 and S116	US- PGPUB; USPAT	OR	ON	2009/01/14 19:52

S118	46	S117 and dvd	US- PGRUB; USPAT	OR	ON	2009/01/14 19:52
S119	23	S118 and (@ad<"20030101")	US- PGRUB; USPAT	OR	ON	2009/01/14 19:53
S120	0	S116 and (wobbled adj2 pit near5 pattern) same (lead\$in (lead near3 in))	US- PGRUB; USPAT	OR	ON	2009/01/14 20:12
S121	2	S116 and (wobbled same (lead\$in (lead near3 in)))	US- PGRUB; USPAT	OR	ON	2009/01/14 20:12
S122	6	(copy adj protection) same (first adj area) same (second adj area)	US- PGRUB; USPAT	OR	ON	2009/01/14 20:20
S123	6	(copy adj protection) same (first adj (zone area) same (second adj (zone area)))	US- PGRUB; USPAT	OR	ON	2009/01/14 20:24
S124	17	(control same copy near3 protection) same ((separat\$3 multiple different) near3 (area zone segment block))	US- PGRUB; USPAT	OR	ON	2009/01/14 20:25
S125	65	(copy adj protection) same ((separat\$3 multiple different) near3 (area zone segment block))	US- PGRUB; USPAT	OR	ON	2009/01/14 20:26
S126	32	S125 and (@ad<"20030101")	US- PGRUB; USPAT	OR	ON	2009/01/14 20:26
S127	4	(6938162 5737286 7266074 5848050).pn.	US- PGRUB; USPAT	OR	ON	2009/01/14 20:45
S129	1	"2004012024"	US- PGRUB; USPAT	OR	ON	2009/01/14 20:49
S130	1	"20030007432"	US- PGRUB; USPAT	OR	ON	2009/01/14 21:22
S131	15	(copy near3 protection) with wobbled	US- PGRUB; USPAT	OR	ON	2009/01/14 22:16
S132	1	S131 and (@ad<"20030101")	US- PGRUB; USPAT	OR	ON	2009/01/14 22:16
S133	1	"6223247".pn.	US- PGRUB; USPAT	OR	ON	2009/08/15 22:08
S134	3	(5892797 7248558 6708299).pn.	US- PGRUB; USPAT	OR	ON	2009/08/15 22:09
L5	1	10/762516.app.	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L6	19	blue near3 ray same (((copy data) near3 protection) drn (digital near3 right))	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L7	3845	369/47,21,52.1,53.21,59.25,275.3.ccls.	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59

L8	20486	3807/\$ ccls 713/193 ccls	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L9	48	L7 and L8	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L10	0	L9 and (pits with (left right) same wobbled)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L11	55	(pits with (left right) same wobbled)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L12	3	L8 and L11	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L13	5	(intermittent alternate) near4 wobbled adj2 pits	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L14	319	pit with shift\$3 near4 track	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L15	29	pit with shift\$3 near4 track same (left right)	US- PGPUB; USPAT; JPO	OR	ON	2009/08/15 23:59
L16	9	L15 and wobbled near3 pits	US- PGPUB; USPAT; JPO	OR	ON	2009/08/15 23:59
L17	48	L14 and (((copy data) near3 protection) drm (digital near3 right))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L18	55	L14 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L19	5778	wobb\$4 with (pit groove)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L20	1007	wobb\$4 with (pit groove) and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L21	166	wobb\$4 with (pit groove) same (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L22	11	L11 and L21	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L23	3541	((bi adj phase) bi\$phase and ((data information) with wobb\$5 near5 pit)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L24	122	((bi adj phase) bi\$phase) and (((data information) with (wobb\$5 near5 pit))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L25	53	L24 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59

L26	23	L7 and L25	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L27	13749	lg near3 electronics.as.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L28	19367	lg near3 electronics.as. (sang near3 suh).in. (jin near3 kim).in.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L29	2729	L28 and (cd dvd bd-R (blue near3 ray))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L30	161	L29 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L31	22	L30 and wobbl\$4 with (pit groove)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L32	52855	*369*/\$.ccis.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L33	131	L8 and L32	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L34	0	L33 and wobbled adj2 pits	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L35	7	L19 and L33	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L36	5	L32 and (wobbled adj2 pit near5 pattern) same (lead\$in (lead near3 in))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L37	55	L14 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L38	55	L14 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US- PGPUB; USPAT; JPO	OR	ON	2009/08/15 23:59
L39	366	pit with shift\$3 near4 track	US- PGPUB; USPAT; JPO	OR	ON	2009/08/15 23:59
L40	102	L39 and (((copy data) near3 protection) drm (digital near3 right) copyright pira\$4 cpi)	US- PGPUB; USPAT; JPO	OR	ON	2009/08/15 23:59
L41	7	L40 and (encod\$3 encrypt\$3 scrambl\$3) same (copy near3 protection)	US- PGPUB; USPAT; JPO	OR	ON	2009/08/15 23:59
L42	12	(encod\$3 encrypt\$3 scrambl\$3) same (copy near3 protection) same ((wobbled zigzag) adj2 pits)	US- PGPUB; USPAT; JPO	OR	ON	2009/08/15 23:59

L43	4	((minimum adj shift adj key\$3) (msk)) same ((wobbled zigzag) adj2 pits)	US- PGRUB; USPAT; JPO	OR	ON	2009/08/15 23:59
L44	1	*7164647*.pn.	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L45	1	"20020048238"	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L46	0	("2002/0048238").URFN.	USPAT	OR	ON	2009/08/15 23:59
L47	1	*7123557*.pn.	USPAT	OR	ON	2009/08/15 23:59
L48	7769	deviation near3 shape	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L49	3	L48 and pit near4 shift\$3 with (left right)	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L50	3	L48 and wobbled near3 pit	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L51	3845	369/47,21,52,1,53,21,59,25,275,3.ocls.	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L52	6	L48 and L51	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L53	5	(intermittent alternate) near3 wobbled adj2 pits	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L54	4	(bpsk (binary adj phase adj shift adj key\$3)) same wobbled adj2 pits	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L55	11607	(bpsk (binary adj phase adj shift adj key\$3))	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L56	23	L51 and L55	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L57	4	(bpsk (binary adj phase adj shift adj key\$3)) same wobble\$1 adj2 pits	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L58	63	(bpsk (binary adj phase adj shift adj key\$3)) same wobble\$1	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L59	3	L48 and L58	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L60	6	L48 and L51	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59
L61	30	L58 and (encod\$3 encrypt\$3 cipher\$3 scrambl\$3)	US- PGRUB; USPAT	OR	ON	2009/08/15 23:59

L62	3	(6031815 6223285 6289102).pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L63	1	"20020041686"	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L64	1	"20030007432"	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L65	1	"5809006".pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L66	1	"20040120247"	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L67	7	L58 and (encrypt\$3 cipher\$3)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L68	1	"5696757".pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L69	1	"5572507".pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L70	46	(lead\$in lead-in) with wobbli\$3 adj2 (pit bit)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L71	1	10/700487.app.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L72	225	(control near3 information) with (copy near3 protection near3 information)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L73	64	L72 and (first near3 area same second near3 area)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L74	3	L73 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L75	3	(recording near3 medium) with (separate\$2 near7 area) same control same (protection encrypt\$3)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L76	27	(recording near3 medium) with (separate\$2 near7 area) same (protection encrypt\$3)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L77	4	L76 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L78	2	(recording near3 medium) with (double near3 density) same (protection encrypt\$3)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L79	163	(recording near3 medium) and (separate\$2 near7 area) same (protection encrypt\$3)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L80	53	L79 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59

L81	23366	((control bil\$3) near3 (data information) near7 (area zone (lead near3 in)))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L82	1143	((copy decrypt\$3) near3 (informaiton key)) same (recording near3 medium)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L83	138	L81 and L82	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L84	118	((copy decrypt\$3) near3 (informaiton key) near7 (area zone (lead near3 in))) same (recording near3 medium)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L85	27	L81 and L84	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L86	6	L85 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L87	1	((control same copy near3 protection) same (separat\$3 near3 (area zone)))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L88	4	((control same copy near3 protection) same ((separat\$3 multiple different) near3 (area zone)))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L89	1	"5848050".pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L90	1	"7266074".pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L91	25	L84 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L92	182	((copy decrypt\$3 key) near3 (informaiton key) near7 (area zone (lead near3 in))) same (recording near3 medium)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L93	28442	((control\$3 near3 (data information) near7 (area zone (lead near3 in)))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L94	45	L92 and L93	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L95	11	L94 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L96	682	recording near3 medium with (separat\$3 near3 (area zone))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L97	242	L96 and (control near3 information)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L98	57	L97 and ((copy near3 protection) (decrypt\$3 near3 key))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L99	6	L98 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59

L100	21842	((control bill\$3 service provider) near3 (information data)) and ((copy near3 protection) (decrypt\$3 near3 key))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L101	4118	((control bill\$3 service provider) near3 (information data)) same ((copy near3 protection) (decrypt\$3 near3 key))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L102	10	L96 and L101	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L103	4277	((control bill\$3 service provider payment) near3 (information data)) same ((copy near3 protection) (decrypt\$3 near3 key))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L104	12	L96 and L103	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L105	20	(control same copy near3 protection) same ((separat\$3 multiple different) near3 (area zone segment block))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L106	6	L105 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L107	20486	"380"/\$.ocls. 713/193.ocls.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L108	1	"5848050".pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L109	2	(693816215737286).pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L110	3	(693816215737286 7266074).pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L111	6223	380/201,228,239.ocls. 713/165,182,189.ocls.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L112	427	(copy adj protection) same (control adj information)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L113	61	L111 and L112	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L114	47	L113 and dvd	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L115	23	L114 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L116	0	L112 and (wobbled adj2 pit near5 pattern) same (lead\$in (lead near3 in))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L117	2	L112 and (wobbled same (lead\$in (lead near3 in)))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L118	6	(copy adj protection) same (first adj area) same (second adj area)	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59

L119	6	(copy adj protection) same (first adj (zone area) same (second adj (zone area)))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L120	20	(control same copy near3 protection) same ((separat\$3 multiple different) near3 (area zone segment block))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L121	71	(copy adj protection) same ((separat\$3 multiple different) near3 (area zone segment block))	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L122	32	L121 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L123	4	(6938162 5737286 7266074 5848050).pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L124	1	"20040120247"	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L125	1	"20030007432"	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L126	18	(copy near3 protection) with wobbled	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L127	1	L126 and (@ad<"20030101")	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L128	1	"6223247".pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59
L129	3	(5892797 7248558 6708299).pn.	US- PGPUB; USPAT	OR	ON	2009/08/15 23:59

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